NAME   :   Arshia Noonari

STUDENT ID   :   BIT-24S-008

DEPARTMENT   :   INFORMATION TECHNOLOGY

SUBJECT   :   ARTIFICIAL TECHNOLOGY

LAB:7

TASK:1

Write a function that takes two numbers and returns their product.

```python
def multiply(a, b):
    return a * b
result = multiply(5, 4)
print(f"The product of 5 and 4 is: {result}")
```

OUTPUT

```
The product of 5 and 4 is: 20

=== Code Execution Successful ===
```

TASK:2

Write a function that checks whether a number is even or odd.

```python
def is_even_or_odd(number):
    if number % 2 == 0:
        return "Even"
    else:
        return "Odd"
result = is_even_or_odd(7)
print(f"7 is {result}.")
```

OUTPUT

```
7 is Odd.

=== Code Execution Successful =
```

TASK:3

Write a function that takes a name and age and prints a greeting.

```python
1 def greet(name, age):
2     print(f"hello,{name}! you are {age}
          years old.")
3 greet("ARSHIA", 21)
```

OUTPUT

```
hello,ARSHIA! you are 21 years old.

=== Code Execution Successful ===
```